

MINIATURE WDM ADD/DROP MULTIPLEXER AND METHOD OF MANUFACTURE THEREOF

Abstract of the Disclosure

5 A miniature WDM add/drop multiplexer and its manufacture is described. The
device has a plurality of wavelength-dependent filters in the form of thin-film filters
mounted to a core frame with the end sections of the input/output optical fiber and other
optical fibers associated with each of the filters. The stresses associated with the filters
are accounted for. The core frame is sealed, together with the overall package assembly,
10 to provide for long-term reliability of the device. The described device and method of
manufacture is also generally applicable to WDM multiplexers and demultiplexers.